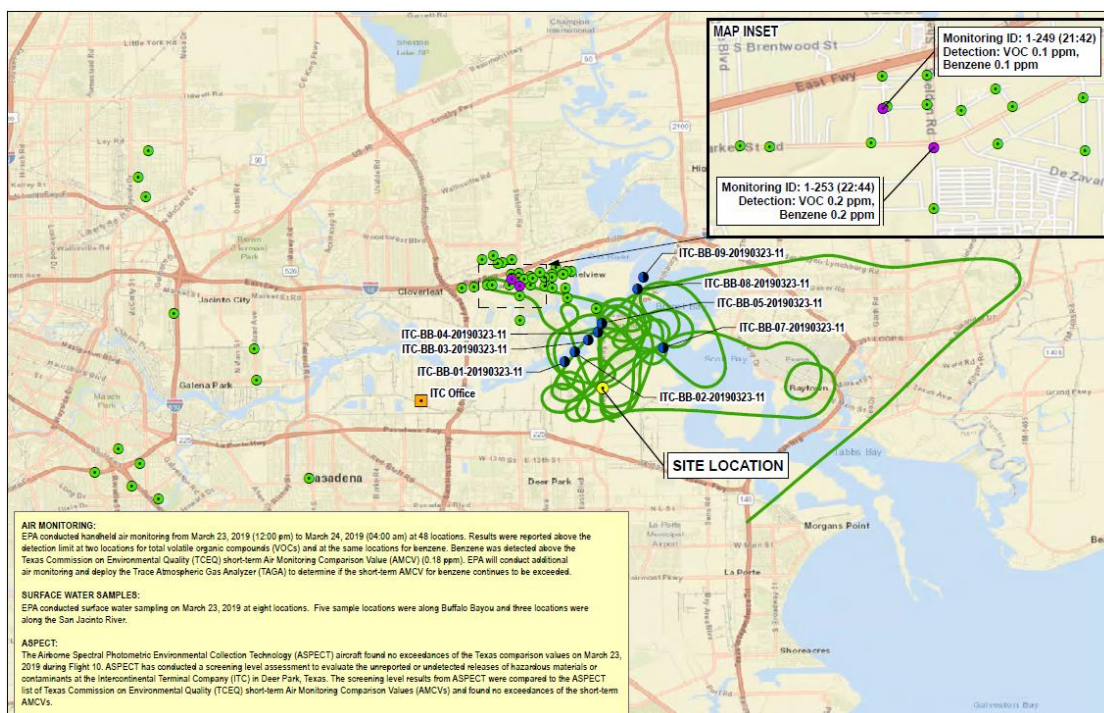


**Intercontinental Terminals Company (ITC) Fire Morning Update**  
**Deer Park, Texas**  
**March 24, 2019 0400 – March 24, 2019 1200**

- The US Environmental Protection Agency (EPA) continues to participate in Unified Command with Texas Commission on Environmental Quality (TCEQ), Harris County Pollution Control Services, and ITC.
- EPA continues to participate in the daily press conferences held at the Incident Command Post.
- At 8:30 on March 23, 2019, EPA delivered an Administrative Order under Section 311 of the Clean Water Act to ITC. This Order requires ITC to conduct actions to abate or mitigate an imminent and substantial threat to the public health or welfare by the discharge or substantial threat of a discharge of hazardous substances from the above listed facility into or upon the navigable waters or adjoining shorelines.
- At 8:26 am on March 24, 2019, ITC delivered a signed response to the Administrative Order with the required plan attached.
- ITC completed removal of product from Tank 80-7 at 2 am on March 24, 2019. Only residual product/water remain in the tank.
- ITC continue to remove water/product from Tucker Bayou. (No Update an amounts available at this time)
- EPA collected surface water samples on March 24, 2019 at 6 locations. Three sample locations were along Buffalo Bayou and three locations were along the San Jacinto River. Samples were not collected at two of the sites near Tucker Bayou due to elevated levels of benzene.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft was unable to fly for most of the day on March 24, 2019 due to a low ceiling.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 24, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the TCEQ short-term AMCVs and found no exceedances of the short-term AMCVs for toluene and xylene. The TAGA air sampling results found exceedances of the short-term AMCV for benzene (0.18 parts per million (ppm)). These exceedances of the short-term AMCV for benzene were north of Buffalo Bayou and northwest of the ITC site, and have been shared with unified command and local officials.
- EPA conducted handheld air monitoring from March 24, 2019 (04:00 am) to March 24, 2019 (12:00 pm) at 48 locations. Results were reported above the detection limit at two locations for total VOCs and at the same locations for benzene. Benzene was detected above the TCEQ short-term AMCV (0.18 ppm). EPA will conduct additional air monitoring and deploy the TAGA to determine if the short-term AMCV for benzene continues to be exceeded.
- Several entities including Harris County, TCEQ, EPA, the 6th Civil Support Team, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.

- ITC continued air monitoring on March 24, 2019; there were 1,591 VOCs readings and 1,442 benzene readings. There continues to be readings above the action levels for benzene (0.18 ppm) close to the tank farm on Tidal Road and by Dock 4 on Buffalo Bayou. There were a few detections for benzene over 1.0 ppm in the community downwind (Channelview area) but none were sustained for any period.
- TCEQ continued handheld air monitoring between 4:00 am and 12:00 pm on March 24, 2019; there were no benzene readings with detected values.
- The Rapid Assessment Team (RAT) continued visual assessments and document impact along the Bayou shorelines on March 24.
- On March 23, 2019, ITC has secured two 30,000 bbl barges for disposal purposes.
- TCEQ Austin is currently reviewing the ITC Waste Management Plan.



#### Legend

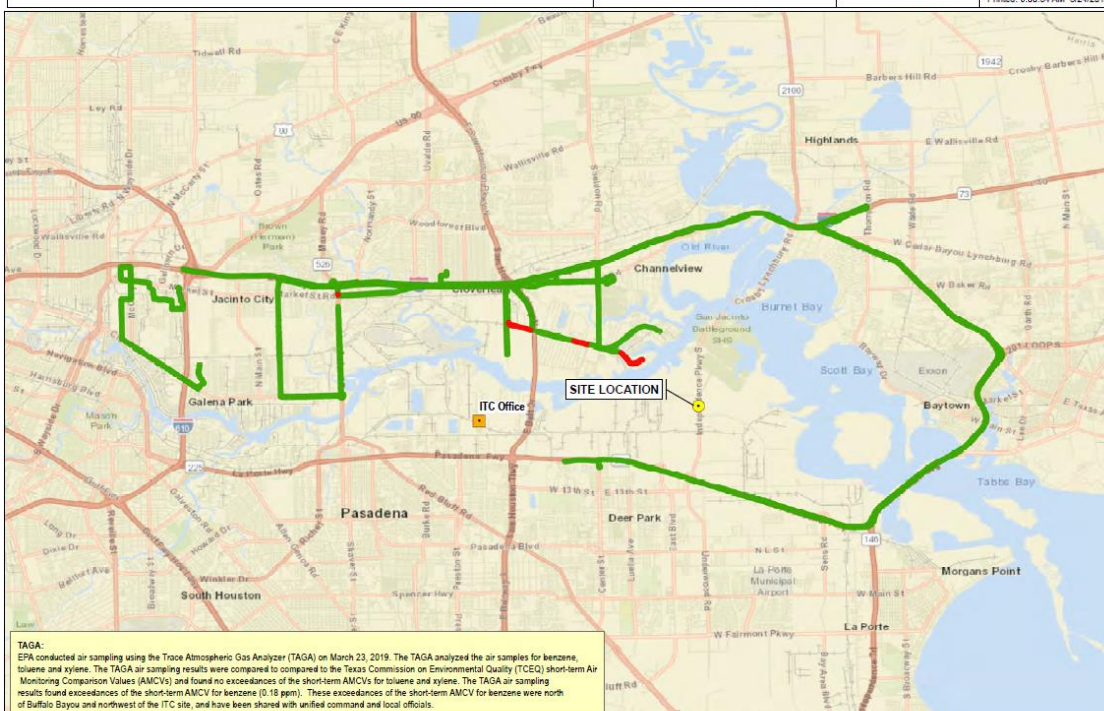
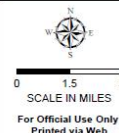
- ITC OFFICE LOCATION
- SITE LOCATION
- WATER SAMPLE LOCATION
- ~ ASPECT DATA (No Readings Above Benchmarks)
- DETECTION
- NO DETECTION



#### AIR MONITORING MAP INTERCONTINENTAL TERMINALS COMPANY FIRE

1943 INDEPENDENCE PARKWAY  
LA PORTE, HARRIS COUNTY, TEXAS

REPORTING PERIOD #12  
3/23/2019 12:00 - 3/24/2019 04:00



#### Legend

Substance	CAS #	Short-term AMCV Health (ppb)
benzene	71-43-2	180
m,p-xylene	179601-23-1	1700
o-xylene	95-47-6	1700
toluene	108-88-3	4000

- ITC OFFICE LOCATION
- SITE LOCATION
- RESULTS BELOW AMCVs
- RESULTS ABOVE AMCVs



#### TAGA MONITORING MAP INTERCONTINENTAL TERMINALS COMPANY FIRE

1943 INDEPENDENCE PARKWAY  
LA PORTE, HARRIS COUNTY, TEXAS

REPORTING PERIOD #12  
3/23/2019 12:00 - 3/24/2019 04:00

